

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the above-identified application.

Listing of Claims:

1. (Currently amended) A method of detecting intrusion attempts on a computing system, comprising the steps of:
 - creating a first mapping profile of a valid password, wherein the valid password is entered on a keyboard and the first mapping profile is dependent upon characters of the valid password;
 - storing the mapping profile in memory;
 - creating a second mapping profile of an entered password, wherein the entered password is entered on the keyboard and the second mapping profile is dependent upon characters of the entered password;
 - calculating a profile score by comparing the first mapping profile to the second mapping profile;
 - comparing the profile score to a threshold value; and
 - classifying the entered profile into one of two or more security classifications based upon the comparison between the profile score and the threshold value.
2. (Original) The method of claim 1, wherein at least one of the security classifications represents an intrusion attempt on the computing system.

3. (Original) The method of claim 1, wherein the first mapping step and the second mapping step each comprise the steps of:

comparing successive characters of the respective password;
assigning a value to each pair of successive characters based upon a keyboard characteristic corresponding to the pair of successive characters; and
generating a password mapping for the respective password based upon the assigned values.

4. (Original) The method of claim 3, wherein the keyboard characteristic is the distance between keys of the keyboard representing the pair of characters.

5. (Original) The method of claim 3, wherein the keyboard characteristic is the likelihood that one of the pair of characters is typed on a keyboard when the other key of the pair is intended to be typed.

6. (Original) The method of claim 3, wherein the second mapping step further comprise the step of:

comparing the valid password to the entered password; and determining when a pair of characters in the entered password are a transposition of a corresponding pair of letters in the valid password; and, when there is a transposition, adjusting the profile score.

7. (Original) The method of claim 1, wherein the computing system is a personal computer.

8. (Original) The method of claim 1, wherein the computing system is a telephone voice response system.

9. (Currently amended) A password protection system, comprising:
a first mapping profile corresponding to a valid password, wherein the valid password is entered on a keyboard and the first mapping profile is dependent upon characters of the valid password;
a second mapping profile corresponding to an entered password, wherein the entered password is entered on the keyboard and the second mapping profile is dependent upon characters of the entered password;
a profile score based upon a comparison of the first mapping profile and the second mapping profile;
a threshold value; and
two or more security classifications; and
logic for assigning the profile score to one of the two or more security classifications based upon a comparison between the profile score and the threshold value.

10. (Original) The system of claim 9, wherein at least one of the security classifications represents an attempted intrusion.

11. (Original) The system of claim 9, wherein
each of the first and second mapping are generated by comparing successive
characters of the respective password,
assigning a value to each pair of successive characters based upon a keyboard
characteristic corresponding to the pair of successive characters, and
generating the respective password mapping based upon the assigned values.
- 12 (Original) The system of claim 11, wherein the keyboard characteristic is the
distance between keys of the keyboard representing the pair of characters.
- 13 (Original) The system of claim 11, wherein the keyboard characteristic is the
likelihood that one of the pair of characters is typed on a keyboard when the other key of the pair
is intended to be typed.
- 14 (Original) The system of claim 9, wherein the profile score is also based upon
whether or not any two successive characters of the entered password are transpositions of two,
corresponding characters of the valid password.

15. (Currently amended) A computer program product for detecting intrusion attempts on a computing system, comprising:

a memory;

logic, stored on the memory, for creating a first mapping profile of a valid

password, wherein the valid password is entered on a keyboard and the

first mapping profile is dependent upon characters of the valid password;

logic, stored on the memory, for storing the mapping profile in a memory;

logic, stored on the memory, for creating a second mapping profile of an entered

password, wherein the entered password is entered on the keyboard and

the second mapping profile is dependent upon characters of the entered

password;

logic, stored on the memory, for calculating a profile score by comparing the first

mapping profile to the second mapping profile;

logic, stored on the memory, for comparing the profile score to a threshold value;

and

logic, stored on the memory, for classifying the entered profile into one of two or

more security classifications based upon the comparison between the

profile score and the threshold value; and

logic, stored on the memory, for either enabling or preventing access to the

computing system based upon the security classification.

16. (Original) The computer program product of claim 15, wherein at least one of the security classifications represents an intrusion attempt on the computing system.

17. (Original) The computer program product of claim 15, wherein the first mapping step and the second mapping step each comprise:

logic, stored on the memory, for comparing successive characters of the
respective password;

logic, stored on the memory, for assigning a value to each pair of successive
characters based upon a keyboard characteristic corresponding to the pair
of successive characters; and

logic, stored on the memory, for generating a password mapping for the
respective password based upon the assigned values.

18. (Original) The computer program product of claim 17, wherein the keyboard characteristic is the distance between keys of the keyboard representing the pair of characters.

19 (Original) The computer program product of claim 17, wherein the keyboard characteristic is the likelihood that one of the pair of characters is typed on a keyboard when the other key of the pair is intended to be typed.

20. (Original) The computer program product of claim 17, wherein the second mapping step further comprises:

logic, stored on the memory, for comparing the valid password to the entered password; and

logic, stored on the memory, for determining when a pair of characters in the entered password are a transposition of a corresponding pair of letters in the valid password; and, when there is a transposition, logic, stored on the memory, for adjusting the profile score.